

This w/o was DELETED -> USED ON W/O 139924

Work Order ID 139933 SEE W/O 144278

Monday, December 14, 2015 1:52:19 PM

139933

Page 1

Rev A Drawing 5.7/10/12

Item ID: D5332-13

Accept

N9000040100

Setup Start *NS1*

Revision ID: PRELIM

Item Name: Rib

Stop *NS2*

Start Date: 12/14/2015 Start Qty: 2.00

2

Cust Item ID:

Required Date: 12/14/2015 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: MLS Date: DEC 15 2015

Tooling:

Date:

Run Start *NR1*

QC: Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D5332

A3 A4

Rev A 5.7/10/12

100

100

Large Fab

Memo

0.01

Large Fab

1- Cut tube as per dwg
2- Remove identification marks and deburr

2x

DAS
43
9-89

JAN 04 2016

110

QC6- Inspect dimensions to drawing

0.00

110

QC

Memo

0.00

Quality Control

POSITIVE RECALL

EFFECTIVE DEC 15 2015 WITH MLS

RELEASED 5 DATE 12/15/15

RD15-1010-01

2

DAS
24
9-89

JAN 04 2016

120

Identify as per dwg & Stock Location: WWA 04

0.00

120

Packaging

Memo

0.00

Packaging

LOCATION: WA004

2x

DAS
43
9-89

JAN 04 2016

Rev A Drawing attached

5.7/10/12

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Work Order ID 139933

Monday, December 14, 2015 1:52:19 PM

139933

PRELIMINARY ISSUE

Page 2

Item ID: D5332-13

Accept

N900040100Setup Start ***NS1***

Revision ID: PRELIM

Stop ***NS2***

Item Name: Rib

Start Date: 12/14/2015 Start Qty: 2.00

2

Cust Item ID:

Required Date: 12/14/2015 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY							
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process	OTHER : _____							
Misidentified ☐	☐	Past Due								

Picklist Print

Monday, December 14, 2015 1:52:23 PM

PRELIMINARY ISSUE

Page 1

Work Order ID: 139933

139933

Parent Item: D5332-13

D5332-13

Parent Item Name: Rib

Start Date: 12/14/2015

Required Date: 12/14/2015

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 15.10.14 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.500W.049		Purchased	No				f	610.8802		8.421053			

M304TS0 500W 049

Square Tubing

** 4133592 → 8.5 ft

Location

Loc Qty

Loc Code

WA004

610.88021

M132210

21.88021

M133592

589

DAS
43
9-89

JAN 04 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



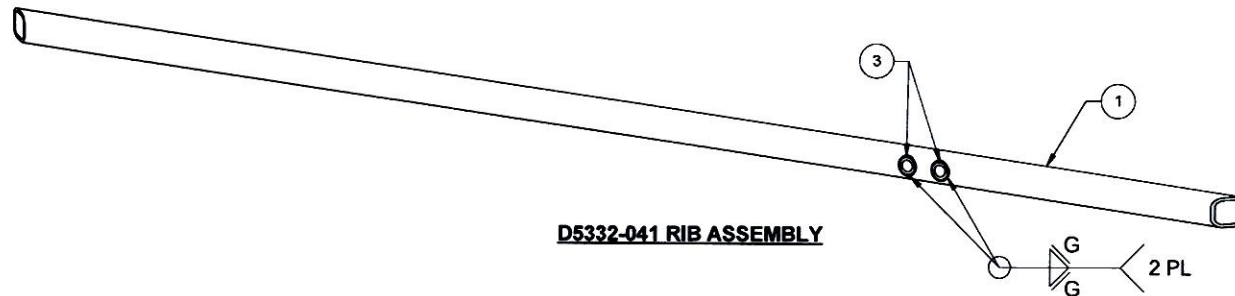
QA Closed: _____ Date: _____

Work Order update only ☐

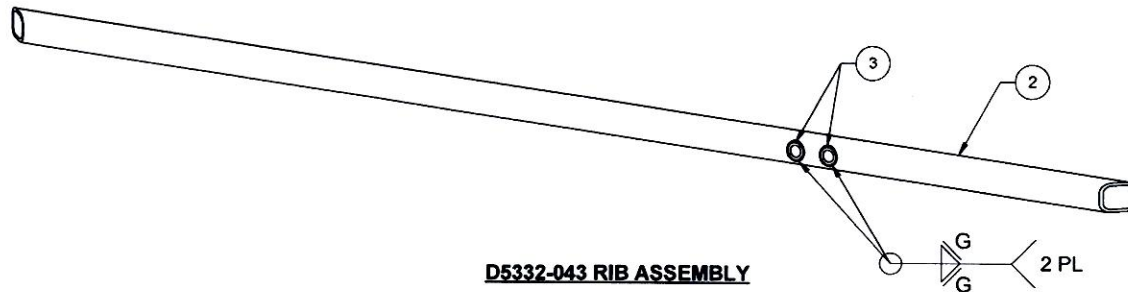
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

PRELIMINARY ISSUE

ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
	X		D5332-041	RIB ASSEMBLY
		X	D5332-043	RIB ASSEMBLY
1	1		D5332-3	RIB
2		1	D5332-5	RIB
3	2	2	D5338-1	BUSHING



D5332-041 RIB ASSEMBLY



D5332-043 RIB ASSEMBLY

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 139933 ML5
15-12-14

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT -041: 0.52 lbs
-043: 0.48 lbs
 - 8) WELD PER DART QSI 004

PRELIMINARY ISSUE

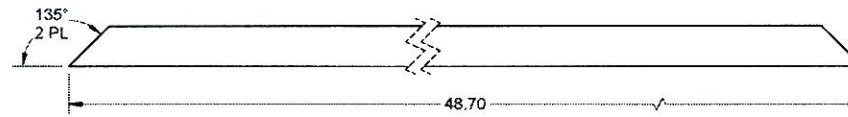
A	NEW ISSUE	RF	15.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED	VS		
MFG. APPR.	DD		
APPROVED			
DE APPR.			
DATE	15.08.10		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

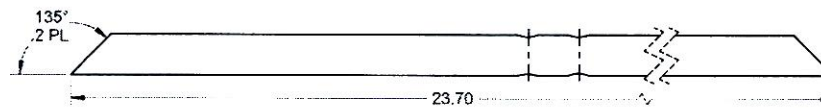
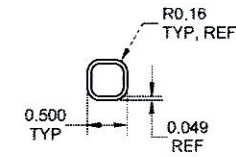
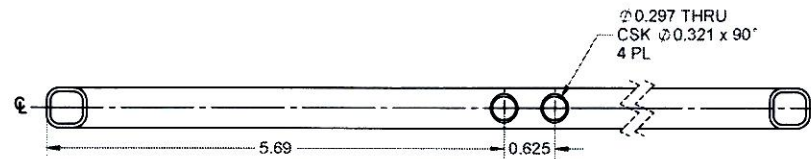
DRAWING NO. **D5332**
REV. A4
SHEET 1 OF 4
SCALE
NTS

COPYRIGHT © 2015 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

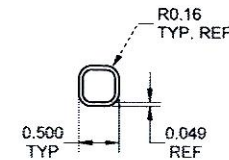
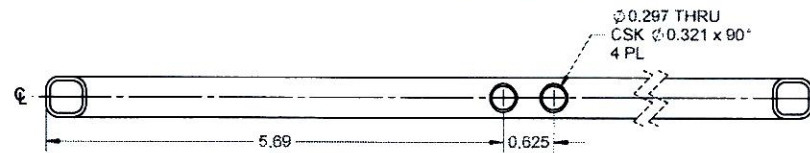
PRELIMINARY ISSUE



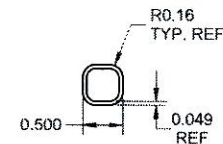
D5332-1 RIB



D5332-3 RIB



D5332-5 RIB



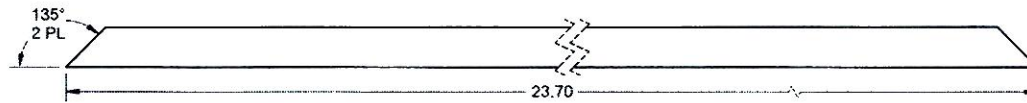
NOTES:

- 1) MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL
PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH
REF DART SPEC. M304TS0.500W.049
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -1: 1.06 lbs
-3: 0.52 lbs
-5: 0.47 lbs

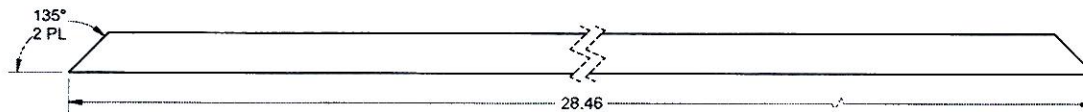
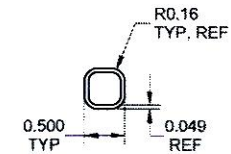
PRELIMINARY ISSUE

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. A4
MFG. APPR.	DD	D5332	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		RIB ASSEMBLY	NTS
DATE	15.08.10	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

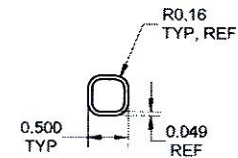
PRELIMINARY ISSUE



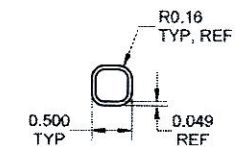
D5332-7 RIB



D5332-9 RIB



D5332-11 RIB



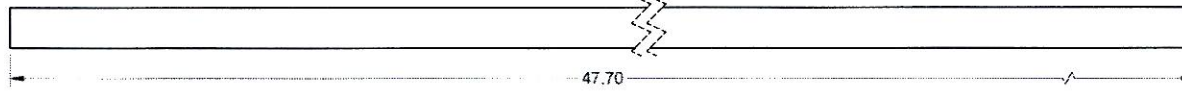
NOTES:

- 1) MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL
PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH
REF DART SPEC. M304TS0.500W.049
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -7: 0.52 lbs
-9, -11: 0.62 lbs

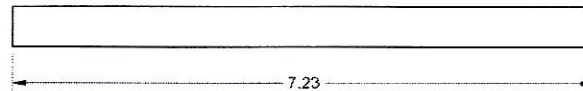
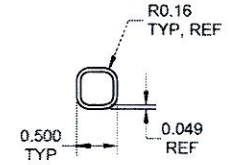
PRELIMINARY ISSUE

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. A4
MFG. APPR.	DD	D5332	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		RIB ASSEMBLY	NTS
DATE	15.08.10	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

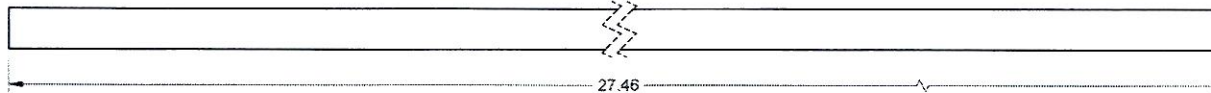
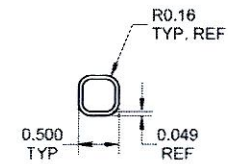
PRELIMINARY ISSUE



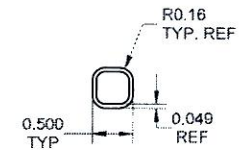
D5332-13 RIB



D5332-15 RIB



D5332-17 RIB

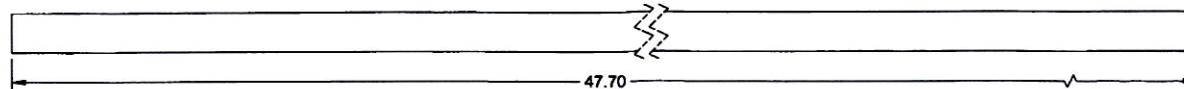


NOTES:

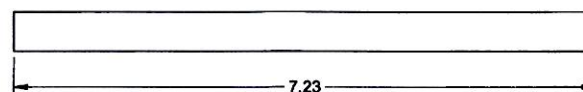
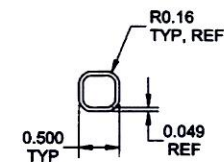
- 1) MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL
PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH
REF DART SPEC. M304TS0.500W.049
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -13: 1.05 lbs
-15: 0.16 lbs
-17: 0.60 lbs

PRELIMINARY ISSUE

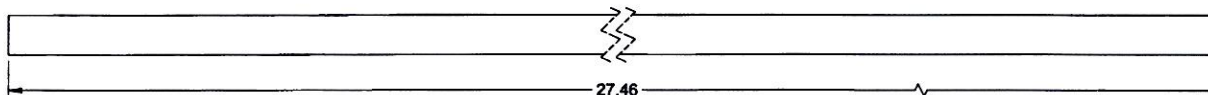
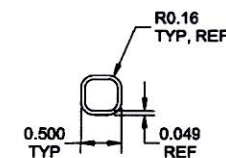
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. A4
MFG. APPR.	DD	D5332	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		RIB ASSEMBLY	NTS
DATE	15.08.10	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



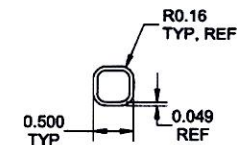
D5332-13 RIB



D5332-15 RIB



D5332-17 RIB



NOTES:

- 1) MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL
PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH
REF DART SPEC. M304TS0.500W.049
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -13: 1.05 lbs
-15: 0.16 lbs
-17: 0.60 lbs

RELEASED
2016-01-21

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	AK	DRAWING NO.	REV. A
MFG. APPR.	DD	D5332	SHEET 4 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	RIB ASSEMBLY	NTS
DATE	15.08.10	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

Purchase Order Receipt Listing

Page 1 of 1

Thursday, November 12, 2015 8:49:22 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO30105 All Receipt Dates All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID: PO30105 USD	1 No	VU-EAG001	Eagle Stainless M304TS0.500W.049 f Square Tubing f m133592		11/23/2015	11/12/2015 DCUSER	600.0000	\$6.25 \$3,750.00	0.0000 0.0000	0 0	\$3,750.00
	2 No		71401-45 PROCUREMENT QUALITY CLAUSES m133592		11/23/2015	11/12/2015 DCUSER	1.0000	\$0.00 \$0.00	0.0000 0.0000	0 0	\$0.00
Total Received Quantity:											601.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$3,750.00
Total Balance Due Quantity:											0.0000



Tel: 800-528-8650 , 508-528-8650 Fax: 800-520-1954 , 508-520-1954 Email: eagle@eagletube.com Web: www.eagletube.com

Ship Dart Aerospace, Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Customer Code: 000000001912
Phone: (613) 632-5200
Terms: Net 30 Days

Quantity						Job
<u>Open</u>	<u>Shipped</u>	<u>Back Ord</u>	<u>Canceled</u>	<u>Unit</u>	<u>Description</u>	<u>Number</u>
600	633	0		FT	1912-SQ0500049T304 T304 Smls Square Tubing .500" x .500" x .049" Wall x (60 - 117"+.500"/-000 Lengths.) As Drawn Temper. Chem to ASTM A269. Certs Required. Package to Protect.	129237-01

This is NOT an Aerospace Application.....



EAGLE STAINLESS

Tube and Fabrication, Inc

Franklin Industrial Park 10 Discovery Way Franklin, MA 02038

Telephone: (508) 528-8650 or (800) 528-8650 Fax: (508) 520-1954 or (800) 520-1954 Website: www.eagletube.com Email: info@eagletube.com

MATERIAL TEST REPORT CERTIFICATE OF CONFORMANCE

Customer: Dart Aerospace, Ltd.
Address: 1270 Aberdeen Street
Hawkesbury ON K6A 1K7

Date: 11/9/2015
Purchase Order: PO30105
Our Order #: 129237
Part #: NA
Revision: NA
Release #: -

Heat #: YX1409-574
Source: 75-52633-10-15
Item: .500 X .500 OD X .049 WALL T304/304L SMLS
Specification: ASTM A213-14/A269-14 BAW ASME SA213-13
Temper: BRIGHT ANNEALED
Quantity: 633 Units: FT

DAS
14
9-89

C: .018	Ti: -	Passivation Per ASTM A967: -
Si: .30	Cb: -	Yield (PSI): 42,000/43,000
Mn: .64	Ta: -	Tensile (PSI): 94,000/95,000
P: .033	Fe: balance	Elong. (% IN 2"): 61/62
S: .001	Cu: -	Hardness (Rockwell): B 77/79
Ni: 8.55	Al: -	Flattening: PASS
Cr: 18.25	N: -	Flaring: PASS
Mo: -	Co: -	Rev F/B: -
Misc Chem: -		Flange: -
Misc Chem: -		Int C/E: PASS
Misc Chem: -		Eddy Current: PASS
		Hydrostatic: -
		Grain Size: -

Notes: MELT & MFG: CHINA

Notes: MERCURY FREE

Notes: NO WELD REPAIR

Comments:

Comments:

Conforms to all drawing and/or specification requirements. To the best of our knowledge the material is mercury free, and compliant with Directive 2011/65/EC and 2006/122/ECOF regarding the Restriction of Hazardous Substances (RoHS), and is conflict free per Dodd-Frank section 1502. Reports governing this material are on file.

Bernie Pearson

EAGLE STAINLESS TUBE AND FABRICATION INC.

Bernie Pearson

Quality Assurance Manager

DMG

Int.

11/9/2015

Date

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 304
DATE 15/11/12

PO/BATCH NO 30105/133592

MATERIAL CERT RECEIVED yes
QUANTITY RECEIVED 633'
QUANTITY INSPECTED 633'
QUANTITY REJECTED _____

THICKNESS ORDERED T.500X.04940
THICKNESS RECEIVED T.500X.04940
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y ☒ N	
CORRECT FINISH	☒ Y ☒ N	
CORROSION	Y ☒ N	
CORRECT GRAIN DIRECTION	☒ Y ☒ N	
CORRECT MATERIAL	☒ Y ☒ N	
CORRECT THICKNESS	☒ Y ☒ N	
PROTO REQUIRED	Y ☒ N	
CORRECT MATERIAL	☒ Y ☒ N	
CORRECT REF # TO LINK CERT	☒ Y ☒ N	
CORRECT MATERIAL IDENTIFICATION	☒ Y ☒ N	
CORRECT M# ON THE MATERIAL	☒ Y ☒ N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y ☒ N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y ☒ N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY	<u>14</u> <u>9-89</u>	SIGNED OFF BY	
DATE	<u>15/11/12</u>	DATE	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30105**

Purchase Order Date 10/13/2015 2:46:27 PM

PO Print Date 10/13/2015

Page Number 1 of 2

Order From :

VU-EAG001

EAGLE STAINLESS
10 DISCOVERY WAY
FRANKLIN, MA
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

PO30105

Contact Name

Vendor Phone

800 528 8650 Ext.800 520 1954

Ship To Contact

Ship To Phone

Ship Via:

Fedex Freight Collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
----------	--	------------------------	--------------------------------------	----	--------------------------------	---------------	----------------

1	M304TS0.500W.049	Square Tubing	11/17/2015 Yes 11/17/2015		600.00 f	\$6.25	\$3,750.00
---	------------------	---------------	---------------------------------	--	-------------	--------	------------

MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH

Line Total: \$3,750.00

2	71401-45	PROCUREMENT QUALITY CLAUSES	11/17/2015		1.00	\$0.00	\$0.00
---	----------	--------------------------------	------------	--	------	--------	--------

No

Procurement Quality Clauses

11/17/2015

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality document

SP15-11-12

Note:

10/13/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30105**

Purchase Order Date 10/13/2015 2:46:27 PM

PO Print Date 10/13/2015

Page Number 2 of 2

Order From :

VU-EAG001

EAGLE STAINLESS
10 DISCOVERY WAY
FRANKLIN, MA
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name**Vendor Phone**

800 528 8650 Ext.800 520 1954

Ship To Contact**Ship To Phone****Ship Via:**

Fedex Freight Collect

Ship Acct:**Buyer**

Chantal Lavoie

Customer POID**Customer Tax #**

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Total: \$0.00

PO Total: \$3,750.00

U

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 10/13/2015